

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/IT 03/00008

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 F04B1/107 F04B1/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F04B F03C F01B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2 000 271 A (BENEDEK ELEK K) 7 May 1935 (1935-05-07)	1-3, 11, 15, 17, 22, 23, 26
Y	page 1, line 31 -page 3, line 18	4, 6, 19
A	figures 1-6	12
X	US 2 556 717 A (BENEDEK ELEK K) 12 June 1951 (1951-06-12)	1-3, 7, 11, 12, 15, 17, 22, 23, 26
	column 2, line 55 -column 5, line 69 figures	
X	GB 578 392 A (PREC DEVELOPMENTS COMPANY LTD; GEORGE OLAH; LASZLO ROSSZ) 26 June 1946 (1946-06-26)	1, 10, 14-17, 19, 23, 26
A	page 4, line 97 -page 5, line 60 figures 1, 2, 4	2, 12, 22
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Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

8 May 2003

Date of mailing of the international search report

16/05/2003

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2 173 432 A (BENEDEK ELEK K) 19 September 1939 (1939-09-19) page 1, line 47 -page 4, line 45 figures 1-3	1-3, 11, 15, 17, 23, 26
Y	GB 678 917 A (SCHWEIZERISCHE LOKOMOTIV) 10 September 1952 (1952-09-10)	4, 6, 19
A	page 2, line 58 -page 3, line 6 figures 1-4	1-3, 15-17, 23

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Information on patent family members

International Application No

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2000271	A	07-05-1935	US 2024420 A US 2032079 A	17-12-1935 25-02-1936
US 2556717	A	12-06-1951	NONE	
GB 578392	A	26-06-1946	NONE	
US 2173432	A	19-09-1939	NONE	
GB 678917	A	10-09-1952	NONE	